

## ABSTRACT OF THE DISCLOSURE

A fuel cell of the invention has unified a processing circuit processing a cell voltage output signal of a fuel cell stack and a connector connecting an circuit unit with terminals provided extending from separators of the fuel cell, thereby having abolished connection points (in which harnesses are attached and detached) of an electrical circuit unit with the connector. So, for connection, reliability can be improved, and downsizing is possible. Moreover, with a casing enclosing the connector and electrical circuit unit, the fuel cell can be made compact and the processing circuit can be surely protected thanks to being shielded from surroundings, thereby handling as a unit being able to be facilitated.